

Francesco Palmisano

List of Publications by Year in descending order

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148
papers

5,864
citations

66343

42
h-index

88630

70
g-index

148
all docs

148
docs citations

148
times ranked

6850
citing authors

#	ARTICLE	IF	CITATIONS
1	Glucose fast-response amperometric sensor based on glucose oxidase immobilized in an electropolymerized poly(o-phenylenediamine) film. <i>Analytical Chemistry</i> , 1990, 62, 2735-2740.	6.5	559
2	A sensitivity-enhanced field-effect chiral sensor. <i>Nature Materials</i> , 2008, 7, 412-417.	27.5	404
3	Highly Efficient Gluten Degradation by Lactobacilli and Fungal Proteases during Food Processing: New Perspectives for Celiac Disease. <i>Applied and Environmental Microbiology</i> , 2007, 73, 4499-4507.	3.1	217
4	Solid-phase microextraction coupled to gas chromatography mass spectrometry: A fast and simple screening method for the assessment of organophosphorus pesticides residues in wine and fruit juices. <i>Food Chemistry</i> , 2004, 86, 269-274.	8.2	182
5	MALDI matrices for low molecular weight compounds: an endless story?. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 4015-4038.	3.7	160
6	An Enzyme Switch Employing Direct Electrochemical Communication between Horseradish Peroxidase and a Poly(aniline) Film. <i>Analytical Chemistry</i> , 1998, 70, 3685-3694.	6.5	147
7	Determination of ochratoxin A in foods: state-of-the-art and analytical challenges. <i>Analytical and Bioanalytical Chemistry</i> , 2004, 378, 96-103.	3.7	146
8	o-Phenylenediamine Electropolymerization by Cyclic Voltammetry Combined with Electrospray Ionization-Ion Trap Mass Spectrometry. <i>Analytical Chemistry</i> , 2003, 75, 4988-4995.	6.5	128
9	A Disposable, Reagentless, Third-Generation Glucose Biosensor Based on Overoxidized Poly(pyrrole)/Tetrathiafulvalene-Tetracyanoquinodimethane Composite. <i>Analytical Chemistry</i> , 2002, 74, 5913-5918.	6.5	101
10	Determination of naproxen in human urine by solid-phase microextraction coupled to liquid chromatography. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2005, 39, 643-647.	2.8	93
11	Determination of triazines in soil leachates by solid-phase microextraction coupled to gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2000, 874, 247-255.	3.7	85
12	Degradation of vicine, convicine and their aglycones during fermentation of faba bean flour. <i>Scientific Reports</i> , 2016, 6, 32452.	3.3	84
13	Identification of allergenic milk proteins markers in fined white wines by capillary liquid chromatography-electrospray ionization-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2010, 1217, 4300-4305.	3.7	82
14	Determination of Ochratoxin A in wine at sub ng/mL levels by solid-phase microextraction coupled to liquid chromatography with fluorescence detection. <i>Journal of Chromatography A</i> , 2006, 1115, 196-201.	3.7	78
15	Ochratoxin A determination in paired kidneys and muscle samples from swines slaughtered in southern Italy. <i>Food Control</i> , 2006, 17, 114-117.	5.5	74
16	An Acetylcholinesterase/Choline Oxidase-Based Amperometric Biosensor as a Liquid Chromatography Detector for Acetylcholine and Choline Determination in Brain Tissue Homogenates. <i>Analytical Chemistry</i> , 2001, 73, 2875-2882.	6.5	70
17	Electrosynthesized poly(pyrrole)/poly(2-naphthol) bilayer membrane as an effective anti-interference layer for simultaneous determination of acetylcholine and choline by a dual electrode amperometric biosensor. <i>Biosensors and Bioelectronics</i> , 2006, 21, 1710-1718.	10.1	70
18	Lactate Amperometric Biosensor Based on an Electrosynthesized Bilayer Film with Covalently Immobilized Enzyme. <i>Analyst</i> , 1997, 122, 365-369.	3.5	66

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19	Solid-phase microextraction and gas chromatography-mass spectrometry for the rapid screening of triazole residues in wine and strawberries. <i>Journal of Chromatography A</i> , 2002, 967, 255-260.	3.7	66
20	Mechanisms of Nanophase-Induced Desorption in LDI-MS. A Short Review. <i>Nanomaterials</i> , 2017, 7, 75.	4.1	66
21	Gold nanomaterials as a new tool for bioanalytical applications of laser desorption ionization mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 402, 601-623.	3.7	65
22	An organic field effect transistor as a selective NO _x sensor operated at room temperature. <i>Sensors and Actuators B: Chemical</i> , 2009, 140, 445-450.	7.8	63
23	Determination of clenbuterol in human urine and serum by solid-phase microextraction coupled to liquid chromatography. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2008, 47, 641-645.	2.8	62
24	Simultaneous determination of caffeine, theobromine, theophylline, paraxanthine and nicotine in human milk by liquid chromatography with diode array UV detection. <i>Food Chemistry</i> , 2005, 93, 177-181.	8.2	61
25	Simultaneous separation and identification of oligomeric procyanidins and anthocyanin-derived pigments in raw red wine by HPLC-UV-ESI-MSn. <i>Journal of Mass Spectrometry</i> , 2006, 41, 861-871.	1.6	61
26	Ascorbic acid interferences in hydrogen peroxide detecting biosensors based on electrochemically immobilized enzymes. <i>Analytical Chemistry</i> , 1993, 65, 2690-2692.	6.5	60
27	Laser desorption/ionization time-of-flight mass spectrometry of triacylglycerols in oils. <i>Rapid Communications in Mass Spectrometry</i> , 2005, 19, 1315-1320.	1.5	59
28	Electrophoretic deposition of Au NPs on MWCNT-based gas sensor for tailored gas detection with enhanced sensing properties. <i>Sensors and Actuators B: Chemical</i> , 2016, 223, 417-428.	7.8	58
29	Simultaneous Determination of Ochratoxin A and Cyclopiazonic, Mycophenolic, and Tenuazonic Acids in Cornflakes by Solid-Phase Microextraction Coupled to High-Performance Liquid Chromatography. <i>Journal of Agricultural and Food Chemistry</i> , 2003, 51, 5232-5237.	5.2	57
30	Aniline/cyanoacrylate hydroxycinnamic acid is a highly versatile ionic liquid for matrix-assisted laser desorption/ionization mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2009, 23, 1659-1668.	1.5	53
31	Solid-phase microextraction-gas chromatography mass spectrometry and multivariate analysis for the characterization of roasted coffees. <i>Talanta</i> , 2005, 66, 261-265.	5.5	52
32	Determination of Ochratoxin A in green coffee beans by solid-phase microextraction and liquid chromatography with fluorescence detection. <i>Journal of Chromatography A</i> , 2008, 1187, 145-150.	3.7	49
33	X-ray photoelectron spectroscopy characterization of composite TiO ₂ -poly(vinylidene fluoride) films synthesised for applications in pesticide photocatalytic degradation. <i>Applied Surface Science</i> , 2005, 240, 180-188.	6.1	48
34	Characterization of caffeic acid enzymatic oxidation by-products by liquid chromatography coupled to electrospray ionization tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2006, 1102, 184-192.	3.7	47
35	A simple protocol for Matrix Assisted Laser Desorption Ionization- time of flight-mass spectrometry (MALDI-TOF-MS) analysis of lipids and proteins in single microsamples of paintings. <i>Analytica Chimica Acta</i> , 2012, 718, 1-10.	5.4	47
36	Reliable Detection of Milk Allergens in Food Using a High-Resolution, Stand-Alone Mass Spectrometer. <i>Journal of AOAC INTERNATIONAL</i> , 2011, 94, 1034-1042.	1.5	46

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37	MALDI-TOF MS Characterization of Glycation Products of Whey Proteins in a Glucose/Galactose Model System and Lactose-free Milk. <i>Journal of Agricultural and Food Chemistry</i> , 2011, 59, 1793-1803.	5.2	45
38	Evaluation of the thermal history of bovine milk from the lactosylation of whey proteins: an investigation by liquid chromatography-electrospray ionization mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2007, 389, 2065-2074.	3.7	44
39	Lipid fingerprinting of Gram-positive lactobacilli by intact cells matrix-assisted laser desorption/ionization mass spectrometry using a proton sponge based matrix. <i>Rapid Communications in Mass Spectrometry</i> , 2011, 25, 1757-1764.	1.5	44
40	Structural Characterization of Neutral Saccharides by Negative Ion MALDI Mass Spectrometry Using a Superbasic Proton Sponge as Deprotonating Matrix. <i>Journal of the American Society for Mass Spectrometry</i> , 2017, 28, 1666-1675.	2.8	44
41	Amperometric sensor for choline and acetylcholine based on a platinum electrode modified by a co-crosslinked bienzymic system. <i>Analyst</i> , 1995, 120, 2731.	3.5	43
42	Determination of ochratoxin A at part-per-trillion level in Italian salami by immunoaffinity clean-up and high-performance liquid chromatography with fluorescence detection. <i>Journal of Chromatography A</i> , 2005, 1090, 184-187.	3.7	43
43	Phospholipidomics of Human Blood Microparticles. <i>Analytical Chemistry</i> , 2013, 85, 6405-6413.	6.5	43
44	Impact of sample preparation in peptide/protein profiling in human serum by MALDI-TOF mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2008, 46, 157-164.	2.8	42
45	Evaluation of gas-sensing properties of ZnO nanostructures electrochemically doped with Au nanophases. <i>Beilstein Journal of Nanotechnology</i> , 2016, 7, 22-31.	2.8	39
46	Simultaneous determination of tin and lead at the parts-per-billion level by coupling differential pulse anodic stripping voltammetry with a matrix exchange method. <i>Analytical Chemistry</i> , 1980, 52, 1889-1892.	6.5	38
47	Ochratoxin A Determination in Beer by Solid-Phase Microextraction Coupled to Liquid Chromatography with Fluorescence Detection: A Fast and Sensitive Method for Assessment of Noncompliance to Legal Limits. <i>Journal of Agricultural and Food Chemistry</i> , 2006, 54, 1594-1598.	5.2	37
48	Identification of peptides in antimicrobial fractions of cheese extracts by electrospray ionization ion trap mass spectrometry coupled to a two-dimensional liquid chromatographic separation. <i>Rapid Communications in Mass Spectrometry</i> , 2006, 20, 447-455.	1.5	37
49	1,8-Bis(dimethylamino)naphthalene/9-aminoacridine: A new binary matrix for lipid fingerprinting of intact bacteria by matrix assisted laser desorption ionization mass spectrometry. <i>Analytica Chimica Acta</i> , 2013, 798, 56-63.	5.4	37
50	Determination of methotrexate in untreated body fluids by micellar liquid chromatography. <i>Analytical Chemistry</i> , 1989, 61, 946-950.	6.5	36
51	Simultaneous determination of phenyl- and sulfonyl-urea herbicides in river water at sub-parts-per-billion level by on-line preconcentration and liquid chromatography-tandem mass spectrometry. <i>Analytica Chimica Acta</i> , 2006, 575, 89-96.	5.4	36
52	Silver nanofractals: electrochemical synthesis, XPS characterization and application in LDI-MS. <i>Analytical and Bioanalytical Chemistry</i> , 2009, 394, 1375-1383.	3.7	36
53	Identification of isobaric lyso-phosphatidylcholines in lipid extracts of gilthead sea bream (<i>Sparus</i>) by tandem mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 6391-6404.	3.7	34
54	The lipidome of the photosynthetic bacterium <i>Rhodobacter sphaeroides</i> R26 is affected by cobalt and chromate ions stress. <i>BioMetals</i> , 2014, 27, 65-73.	4.1	33

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55	Determination of lead in air by electrothermal atomic spectrometry with electrostatic accumulation furnace. <i>Analytical Chemistry</i> , 1981, 53, 1035-1038.	6.5	31
56	Profiling of <i>Alternaria</i> mycotoxins in foodstuffs by high-performance liquid chromatography with diode-array ultraviolet detection. <i>Journal of Chromatography A</i> , 1989, 465, 305-313.	3.7	31
57	Fingerprinting of egg and oil binders in painted artworks by matrix-assisted laser desorption ionization time-of-flight mass spectrometry analysis of lipid oxidation by-products. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 400, 2229-2240.	3.7	31
58	A study on the direct electrochemical communication between horseradish peroxidase and a poly(aniline) modified electrode. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1996, 92, 3123.	1.7	30
59	Profiling urinary metabolites of naproxen by liquid chromatography–electrospray mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2006, 41, 1312-1316.	2.8	30
60	Revealing the composition of organic materials in polychrome works of art: the role of mass spectrometry-based techniques. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 6957-6981.	3.7	30
61	Improvement of chlorophyll identification in foodstuffs by MALDI ToF/ToF mass spectrometry using 1,5-diaminonaphthalene electron transfer secondary reaction matrix. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 6369-6379.	3.7	28
62	Determination of the antineoplastic agent methotrexate in body fluids by high-performance liquid chromatography with electrochemical detection. <i>Biomedical Applications</i> , 1985, 344, 249-258.	1.7	26
63	Solid phase microextraction coupled to gas chromatography- mass spectrometry for the determination of the adsorption coefficients of triazines in soil. <i>Analyst, The</i> , 1998, 123, 2825-2828.	3.5	26
64	Liquid chromatographic determination of urinary 5-methyl-2-deoxycytidine and pseudouridine as potential biological markers for leukaemia. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 1999, 21, 1045-1051.	2.8	26
65	Determination of Choline in Milk, Milk Powder, and Soy Lecithin Hydrolysates by Flow Injection Analysis and Amperometric Detection with a Choline Oxidase Based Biosensor. <i>Journal of Agricultural and Food Chemistry</i> , 2004, 52, 4638-4642.	5.2	26
66	Electro-Fenton and photocatalytic oxidation of phenyl-urea herbicides: An insight by liquid chromatography–electrospray ionization tandem mass spectrometry. <i>Applied Catalysis B: Environmental</i> , 2008, 79, 224-236.	20.2	26
67	Determination of the immunosuppressant mycophenolic acid in human serum by solid-phase microextraction coupled to liquid chromatography. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2004, 806, 89-93.	2.3	25
68	Fatty acid neutral losses observed in tandem mass spectrometry with collision-induced dissociation allows regiochemical assignment of sulfoquinovosyl diacylglycerols. <i>Journal of Mass Spectrometry</i> , 2013, 48, 205-215.	1.6	25
69	Ceramide lipids in alive and thermally stressed mussels: an investigation by hydrophilic interaction liquid chromatography–electrospray ionization Fourier transform mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2016, 51, 768-781.	1.6	25
70	Laser desorption/ionization time-of-flight mass spectrometry of squalene in oil samples. <i>Rapid Communications in Mass Spectrometry</i> , 2006, 20, 325-327.	1.5	24
71	Hydrophilic interaction and reversed phase mixed-mode liquid chromatography coupled to high resolution tandem mass spectrometry for polar lipids analysis. <i>Journal of Chromatography A</i> , 2016, 1477, 47-55.	3.7	24
72	Analysis of Phospholipids, Lysophospholipids, and Their Linked Fatty Acyl Chains in Yellow Lupin Seeds (<i>Lupinus luteus</i> L.) by Liquid Chromatography and Tandem Mass Spectrometry. <i>Molecules</i> , 2020, 25, 805.	3.8	24

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73	Selective determination of albertoxins by high-performance liquid chromatography with electrochemical detection with dual "in-series" electrodes. <i>Journal of Chromatography A</i> , 1991, 540, 376-382.	3.7	23
74	Development of a Method for the Quantification of Caseinate Traces in Italian Commercial White Wines Based on Liquid Chromatography"Electrospray Ionization" Ion Trap" Mass Spectrometry. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 12436-12444.	5.2	23
75	Identification of lipid- and protein-based binders in paintings by direct on-plate wet chemistry and matrix-assisted laser desorption ionization mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 1015-1022.	3.7	23
76	Structural characterization and profiling of lyso" phospholipids in fresh and in thermally stressed mussels by hydrophilic interaction liquid chromatography" electrospray ionization" Fourier transform mass spectrometry. <i>Electrophoresis</i> , 2016, 37, 1823-1838.	2.4	23
77	Thermally annealed gold nanoparticles for surface-assisted laser desorption ionisation" mass spectrometry of low molecular weight analytes. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 404, 1703-1711.	3.7	22
78	Fatty acidomics: Evaluation of the effects of thermal treatments on commercial mussels through an extended characterization of their free fatty acids by liquid chromatography " Fourier transform mass spectrometry. <i>Food Chemistry</i> , 2018, 255, 309-322.	8.2	22
79	Determination of methylxanthines in urine by liquid chromatography with diode array UV detection. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2004, 36, 621-624.	2.8	21
80	Particle collection mechanism and efficiency in electrostatic accumulation furnace for electrothermal atomic spectrometry. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 1986, 41, 257-264.	2.9	20
81	Characterization of soluble oligomers produced by electrochemical oxidation of o-phenylenediamine by electrospray ionization sequential mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2003, 17, 1169-1179.	1.5	20
82	Flow injection determination of choline in milk hydrolysates by an immobilized enzyme reactor coupled to a selective hydrogen peroxide amperometric sensor. <i>Analytica Chimica Acta</i> , 2007, 594, 234-239.	5.4	20
83	Characterisation of permanent markers by pyrolysis gas chromatography" mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 399, 3483-3490.	3.7	20
84	Development of a mass spectrometry immunoassay for unambiguous detection of egg allergen traces in wines. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 1581-1589.	3.7	20
85	Liquid chromatography/electrospray ionisation sequential mass spectrometric identification of the main chlortoluron by-products during water disinfection using chlorine. , 2000, 14, 824-828.		19
86	A laser desorption ionization time-of-flight mass spectrometry investigation into triacylglycerols oxidation during thermal stressing of edible oils. <i>Analytical and Bioanalytical Chemistry</i> , 2007, 389, 2075-2084.	3.7	19
87	Gas sensing properties of MWCNT layers electrochemically decorated with Au and Pd nanoparticles. <i>Beilstein Journal of Nanotechnology</i> , 2017, 8, 592-603.	2.8	18
88	Seasonal variations in the profile of main phospholipids in <i>Mytilus galloprovincialis</i> mussels: A study by hydrophilic interaction liquid chromatography" electrospray ionization Fourier transform mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2018, 53, 1-20.	1.6	18
89	Amino-bonded silica as stationary phase for liquid chromatographic determination of cyclopiazonic acid in fungal extracts. <i>Journal of Chromatography A</i> , 2002, 955, 79-86.	3.7	17
90	Determination of ochratoxin A in human urine by solid-phase microextraction coupled with liquid chromatography-fluorescence detection. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2007, 44, 1014-1018.	2.8	17

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91	1H-Pteridine-2,4-dione (lumazine): a new MALDI matrix for complex (phospho)lipid mixtures analysis. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 398, 499-507.	3.7	17
92	The Phospholipidomic Signatures of Human Blood Microparticles, Platelets and Platelet-Derived Microparticles: a Comparative HILIC-ESI-MS Investigation. <i>Lipids</i> , 2015, 50, 71-84.	1.7	17
93	Glycosphingolipidomics of donkey milk by hydrophilic interaction liquid chromatography coupled to ESI and multistage MS. <i>Electrophoresis</i> , 2018, 39, 1634-1644.	2.4	17
94	A comprehensive study of oleuropein aglycone isomers in olive oil by enzymatic/chemical processes and liquid chromatography-Fourier transform mass spectrometry integrated by H/D exchange. <i>Talanta</i> , 2019, 205, 120107.	5.5	17
95	Electrospray ionization mass spectrometry of 5-methyl-2-deoxycytidine and its determination in urine by liquid chromatography/electrospray ionization tandem mass spectrometry. <i>Journal of Chromatography B</i> , 1999, 13, 2160-2165.		16
96	Characterization of bioactive and nutraceutical compounds occurring in olive oil processing wastes. <i>Rapid Communications in Mass Spectrometry</i> , 2019, 33, 1670-1681.	1.5	16
97	Simultaneous determination of chromium(III), aluminum(III), and iron(II) in tannery sludge acid extracts by reversed-phase high-performance liquid chromatography. <i>Environmental Science & Technology</i> , 1991, 25, 1262-1266.	10.0	15
98	Quantitation of Major Choline Fractions in Milk and Dietary Supplements Using a Phospholipase D Bioreactor Coupled to a Choline Amperometric Biosensor. <i>Journal of Agricultural and Food Chemistry</i> , 2005, 53, 6974-6979.	5.2	15
99	On plate graphite supported sample processing for simultaneous lipid and protein identification by matrix assisted laser desorption ionization mass spectrometry. <i>Talanta</i> , 2015, 137, 161-166.	5.5	15
100	Sensitive detection of hydrocarbon gases using electrochemically Pd-modified ZnO chemiresistors. <i>Beilstein Journal of Nanotechnology</i> , 2017, 8, 82-90.	2.8	15
101	Searching for Potential Lipid Biomarkers of Parkinson's Disease in Parkin-Mutant Human Skin Fibroblasts by HILIC-ESI-MS/MS: Preliminary Findings. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3341.	4.1	15
102	A quasi non-destructive approach for amber geological provenance assessment based on head space solid-phase microextraction gas chromatography-mass spectrometry. <i>Talanta</i> , 2014, 119, 435-439.	5.5	14
103	Unambiguous regiochemical assignment of sulfoquinovosyl mono- and diacylglycerols in parsley and spinach leaves by liquid chromatography/electrospray ionization sequential mass spectrometry assisted by regioselective enzymatic hydrolysis. <i>Rapid Communications in Mass Spectrometry</i> , 2017, 31, 1499-1509.	1.5	14
104	Structural characterization of the ligstroside aglycone isoforms in virgin olive oils by liquid chromatography-high-resolution Fourier transform mass spectrometry and H/D exchange. <i>Journal of Mass Spectrometry</i> , 2019, 54, 843-855.	1.6	14
105	Spray deposition versus single-drop deposition for calibration of an electrostatic accumulation furnace for electrothermal atomisation atomic absorption spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 1987, 2, 51.	3.0	13
106	Correlation between lactosylation and denaturation of major whey proteins: an investigation by liquid chromatography-electrospray ionization mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 396, 2293-2306.	3.7	13
107	4-Chloro-2-cyanocinnamic acid is an efficient soft matrix for cyanocobalamin detection in foodstuffs by matrix-assisted laser desorption/ionization mass spectrometry (MALDI MS). <i>Journal of Mass Spectrometry</i> , 2016, 51, 841-848.	1.6	13
108	Electron-Transfer Secondary Reaction Matrices for MALDI MS Analysis of Bacteriochlorophyll a and Rhodospirillum rubrum and Its Zinc and Copper Analogue Pigments. <i>Journal of the American Society for Mass Spectrometry</i> , 2017, 28, 125-135.	2.8	13

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109	Identification of neutral and acidic glycosphingolipids in the human dermal fibroblasts. <i>Analytical Biochemistry</i> , 2019, 581, 113348.	2.4	13
110	Simultaneous determination of free mycophenolic acid and its glucuronide in serum of patients under mycophenolate mophetil therapy by ion-pair reversed-phase liquid chromatography with diode array UV detection. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2004, 810, 197-202.	2.3	13
111	Simultaneous determination of pseudouridine, neopterin and creatinine in urine by ion-pair high-performance liquid chromatography with in-series ultraviolet and fluorescence detection. <i>Analyst, The</i> , 1995, 120, 2185.	3.5	12
112	Degradation of chlortoluron in water disinfection processes: a kinetic study. <i>Journal of Environmental Monitoring</i> , 2000, 2, 582-586.	2.1	12
113	Understanding neurodegenerative disorders by MS-based lipidomics. <i>Bioanalysis</i> , 2018, 10, 787-790.	1.5	12
114	Simultaneous determination of 5 α -deoxy-5-fluorouridine, 5-fluorouracil and 5,6-dihydro-5-fluorouracil in plasma by gas chromatography-mass spectrometry. <i>Analytica Chimica Acta</i> , 1996, 329, 143-152.	5.4	11
115	Adsorptive cathodic stripping voltammetry of amethopterin at a static mercury drop electrode and its application to serum drug determination. <i>Analyst, The</i> , 1988, 113, 869.	3.5	10
116	Characterization of an electro-synthesized methoxylated polypyrrole film used as permselective barrier in amperometric biosensors by X-ray photoelectron and Fourier transform infrared spectroscopy. <i>Analytica Chimica Acta</i> , 1999, 389, 197-204.	5.4	10
117	Occurrence of oleic and 18:1 methyl-branched acyl chains in lipids of <i>Rhodobacter sphaeroides</i> 2.4.1. <i>Analytica Chimica Acta</i> , 2015, 885, 191-198.	5.4	10
118	Effect of Storage and Extraction Protocols on the Lipid and Fatty Acid Profiles of <i>Dicentrarchus labrax</i> Brain. <i>Food Analytical Methods</i> , 2017, 10, 4003-4012.	2.6	9
119	1,5-Diaminonaphthalene is a Highly Performing Electron-Transfer Secondary-Reaction Matrix for Laser Desorption Ionization Mass Spectrometry of Indolenine-Based Croconaines. <i>ACS Omega</i> , 2018, 3, 17821-17827.	3.5	9
120	Influence of Horizontal Centrifugation Processes on the Content of Phenolic Secoiridoids and Their Oxidized Derivatives in Commercial Olive Oils: An Insight by Liquid Chromatography-High-Resolution Mass Spectrometry and Chemometrics. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 3171-3183.	5.2	9
121	Gas chromatography-mass spectrometry identification of a novel N 3 -methylated metabolite of 5 α -deoxy-5-fluorouridine in plasma of cancer patients undergoing chemotherapy. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 1996, 14, 1521-1528.	2.8	8
122	Resistance to Sharka in Apricot: Comparison of Phase-Reconstructed Resistant and Susceptible Haplotypes of α -Lito TM Chromosome 1 and Analysis of Candidate Genes. <i>Frontiers in Plant Science</i> , 2019, 10, 1576.	3.6	8
123	Electrostatic capture of gaseous tetraalkyllead compounds and their determination by electrothermal atomic-absorption spectrometry. <i>Analyst, The</i> , 1983, 108, 1318.	3.5	7
124	The anodic behaviour of mercury in the presence of 5-fluorouracil. <i>Journal of Electroanalytical Chemistry and Interfacial Electrochemistry</i> , 1991, 314, 117-134.	0.1	7
125	A pyrolysis-GC-MS investigation of poly(vinyl phenyl ketone). <i>Journal of Analytical and Applied Pyrolysis</i> , 2009, 86, 233-238.	5.5	7
126	Complementary amphiphilic ribonucleotides confined into nanostructured environments. <i>Physical Chemistry Chemical Physics</i> , 2010, 12, 7977.	2.8	7

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127	Phospholipidomics of peripheral blood mononuclear cells (PBMCs): the tricky case of children with autism spectrum disorder (ASD) and their healthy siblings. <i>Analytical and Bioanalytical Chemistry</i> , 2020, 412, 6859-6874.	3.7	7
128	Anodic behavior of the antineoplastic agent amethopterin at a mercury electrode and its determination in body fluids by liquid chromatography with indirect anodic polarographic detection. <i>Analytical Chemistry</i> , 1987, 59, 2127-2130.	6.5	6
129	An on-line semi-automated solid-phase extraction procedure for high-performance liquid chromatographic determination of Ionidamine in serum. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 1995, 13, 1349-1353.	2.8	6
130	Derivatization reactions for gas chromatography/mass spectrometry determination of N3-methyl-5 β -deoxy-5-fluorouridine. <i>Rapid Communications in Mass Spectrometry</i> , 1997, 11, 1529-1535.	1.5	6
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